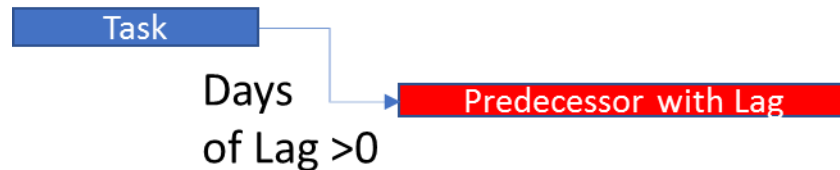


## SSI Tools Test Method for DECM 06A205a

SSI Tools Inspect the Predecessors for each incomplete task and milestone for dependencies with lag. The Schedule will pass this test if  $\leq 10\%$  of inspected items have at least one lag. Successors are not inspected since every task's successor is another task's predecessor. Therefore, testing both predecessors and successors would double-count this condition.

If testing only the Red task (the blue task is shown for reference only), this condition would be a finding of the test.



### Setup Instructions using SSI *DECM Audits* form

No setup is required for this test other than the normal scheduling practice of defining task dependencies (predecessors and successors).

### DCMA EVMS Test Metric Specification

**5. Attribute:** 06A2: The network schedule/IMS depicts the sequence of work (horizontal integration) and identifies the significant interdependencies that are indicative of the actual way the work is planned and accomplished.  $X/Y \leq 10\%$

- X = Count of incomplete tasks/activities & milestones with at least one lag in the predecessor logic in the IMS
- Y = Total count of incomplete tasks/activities & milestones in the IMS

**6. Test Step:** Are lags used in the schedule?

**7. Test Metric:**

X = Count of incomplete tasks/activities & milestones with at least one lag in the predecessor logic in the IMS

Y = Total count of incomplete tasks/activities & milestones in the IMS

**8. Metric Threshold:**  $X/Y \leq 10\%$

## SSI Tools Report

SSI Report shows the following headers referring to the DCMA EVMS Test Metric Specification

- Metric ID – Block 2 **Unique Test Metric ID**
- Name – Block 6 **Test Step**
- Metric Threshold – Block 8 **Metric Threshold**
- Numerator (X) – Block 8 **Metric Threshold X Value**
- Denominator (Y) – Block 8 **Metric Threshold Y Value**
- Score – Block 8 **Metric Threshold X/Y Value**
- Pass/Fail – Block 8 **Metric Threshold X/Y Pass/Fail determination**
- Metric Spec Link – Link to the **EVMS Test Metric Specification**
- SSI Test Link – Link to SSI Test method and description (this document)

SSI Report shows the following Details:

- Unique ID – Microsoft Project Task Unique ID
- Name – Microsoft Project Task Name
- Lags

Report Example

| A         | B                                  | C                | D             | E               | F     | G         | H                         | I                        |
|-----------|------------------------------------|------------------|---------------|-----------------|-------|-----------|---------------------------|--------------------------|
| Metric ID | Name                               | Metric Threshold | Numerator (X) | Denominator (Y) | Score | Pass/Fail | Metric Spec Link          | SSI Test Link            |
| 06A205a   | Are lags used in the schedule?     | 10%              | 2             | 41              | 5%    | Pass      | <a href="#">DECM Spec</a> | <a href="#">SSI Spec</a> |
| Unique ID | Name                               | Lags             |               |                 |       |           |                           |                          |
| 110       | Design LOE                         | 15               |               |                 |       |           |                           |                          |
| 111       | Development and Implementation LOE | 15               |               |                 |       |           |                           |                          |